

LATHARANI RADHAKRISHNAN

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Objective

Seeking a challenging position in a reputed organization where I can learn new skills, expand my knowledge, and leverage my learnings. To get an opportunity where I can make the best of my potential and contribute to the organization's growth.

Professional Synopsis

- 3 years of rich experience as a Full Stack Developer in the field IT industry, covering Website development, Back-end maintenance, and Front-end integration.
- Proficient in Python, MySQL, and possess good knowledge on HTML, CSS, Typescript and Angular technologies.
- Hands on experience with Python Back-end and Angular Front-end.
- Basic knowledge in Data Analysis using Artificial Intelligence (AI) and Machine Learning (ML), visualization tools such as Power BI and Tableau and natural language processing and analyzing data.

Skills

- | | |
|---------------------------------|---|
| • Relational Databases | - Microsoft SQL, MySQL, SQLite, pymongo |
| • Data Visualization | - Microsoft PowerBI, Tableau, Talend, Matplotlib, Seaborn |
| • Programming Languages | - Python, Angular, HTML, CSS, Typescript, JavaScript, HDFS, HBase, HIVE, Sqoop, Pig |
| • Cloud | - AWS |
| • Data Processing and Modelling | - NumPy, Pandas, Scikit-learn |
| • Versioning & Deployments | - Git, GitHub |

Education

PG Diploma in Big Data Analytics

2021 / 2023

Lambton College, Mississauga, Canada

Specialized in Big Data Analytics where I have learnt big data concepts, Natural Language Processing, and various data analytics technologies.

GPA - 3.66

Master of Engineering in VLSI Design

2014 / 2016

Anna University Affiliated College, India

Specialized in Very Large-Scale integration of chips. Learnt front end and backend developments of chips and specialization in communication Engineering.

GPA – 8.5

Bachelor of Engineering in ECE

2010 / 2014

Anna University Affiliated College, India

Specialized in Electronics and communication Engineering with various subject knowledges such as Digital Signal Processing, Electronic Circuits, OOPS concepts and Electrical and electronics communications.

GPA – 8.3

Academic Projects in Big Data

Natural Language Processing

Processing and analyzing large amount of natural language data.

Done sentiment analysis on different datasets.

Done the natural language processing workflow on the sample text by using below steps.

- Text preprocessing
- Exploratory data analysis
- Text normalization
- Vectorization and Feature Engineering
- Modelling or pattern mining
- Evaluation and deployment

Big Data Visualization for Business Communication

Processing and visualizing large amount of data.

Loaded the excel format data into powerBI and done the following analysis.

- Combined different tables in powerBI
- Created new tables using different tables.
- Done analysis and plotted them as different graphs such as pie chart, bar chart, line chart, etc....
- Visualized the details using cards, tables, slicers, maps and etc.

Experience

SAINT GOBAIN

System Engineer

June 2021 / Sep 2021

Team Size: 5

Application Design for the field engineer to enter all the values which are taken from the machines in factory.

Languages used for the project are React js, HTML, CSS, Typescript, Bootstrap.

- Understanding and implementing the website design concept.
- Writing Services using SQL database with Python programming language for CRUD operations.
- Collaborating with other developers to handle complicated issues related to deployment.

3 EDGE SOLUTIONS

Junior Associate

May 2019 / June 2021

Team Size: 8

Website for Indian Oil Corporation Limited, which can be used for monitoring the IOCL Pipelines Projects.

Languages used for the project are Angular, HTML, CSS, Typescript, Bootstrap, Python, Flask, MySQL.

- Understanding and implementing the website design concept.
- Writing Services using SQL database with Python programming language for CRUD operations.
- Providing Support to the live project.
- Collaborating with experienced cross-disciplinary developers to conceive, design, and bring innovative products and services to market.

JEGANEE TECHNOLOGIES

Trainee

Aug 2018 / May 2019

Team Size: 5

Catalent Drugs Medicine

Languages used for the project are Python, Flask, MySQL.

- Training about programming, website designs and backend integration.
- Understanding front end backend concepts.
- Understanding and implementing the database concepts.
- Utilize Python to design server applications and client interfaces.
- Create database tables depends upon the requirement.
- Writing Services using SQL database with Python programming language.